

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):	Gregory L. Silvus	Examiner:	N/A
Serial No.:		Group Art Unit:	
Filed:	November 21, 2003	Docket No.:	STL11653
Title:	Reverse Error Correction Coding With Run Length Limited Constraint		

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
--	--

INFORMATION DISCLOSURE STATEMENT

Section 1. Forms PTO/SB/08A and 08B (substitute for Form PTO-1449)

Form PTO/SB/08A is attached hereto.

Section 2. Remarks or Additional Statements

☒ This Information Disclosure Statement is being filed along with a new patent application.

☐ This Information Disclosure Statement is being filed *within* three months of the filing date of the application or date of entry into the national stage of an international application or *before* the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. 1.97(b).

☐ 37 C.F.R. §1.97(c) This Information Disclosure Statement is being filed *after* three months of the filing date of this national application or the date of entry of the national Stage as set forth in Section 1.491 in an international application or after the mailing date of the first Office Action on the merits, whichever event occurred last but *before* the mailing date of either:

1. a final action under section 1.113; or
2. a notice of allowance under section 1.311
whichever occurs first.

☐ A fee under 37 C.F.R. §1.17(p) is required because no certification under 37 C.F.R. §1.97(e) has been made; or

☐ No fee is required because certification statement under 37 C.F.R. §1.97(e) is noted below.

☐ 37 C.F.R. §1.97(d) This Information Disclosure Statement is being filed *after* a final action under §1.113, or a notice of allowance under §1.113, whichever occurs first, but before, or simultaneously with, the payment of the issue fee.

☐ A fee under 37 C.F.R. §1.17(p) is required and either of the statements below (37 C.F.R. §1.97(e)).

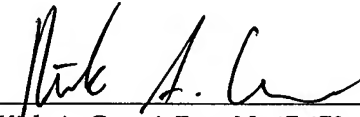
- ☐ 37 C.F.R. §1.97(e) Choose either Statement:
- ☐ Each item of information contained in the IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing; or
- ☐ No item of information contained in the IDS was cited in a communication from a foreign patent office in the counterpart foreign application, and to my knowledge no item of information contained in the IDS was known to any individual designated in §1.56(c) more than three (3) months prior to the filing of this IDS.

Consideration of the listed items is respectfully requested.

Respectfully submitted,

SEAGATE TECHNOLOGY LLC
(Assignee of Entire Interest)

11-20-2003
Date


Kirk A. Cesari, Reg. No47,479
SEAGATE TECHNOLOGY LLC
Intellectual Property Dept. SHK2LG
1280 Disc Drive
Shakopee, MN 55379
952-402-3534 (telephone)
952-402-2657 (facsimile)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

13

Complete if Known

Application Number

Filing Date

November 21, 2003

First Named Inventor

Gregory L. Silvus

Art Unit

Examiner Name

Attorney Docket Number

STL11653

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	AA	US- 2003/0012110	1-16-2003	Senshu	
	AB	US- 2003/0041298	2-27-2003	Bruner	
	AC	US- 2002/0034277	5-30-2002	Kuribayashi	
	AD	US- 2002/0047788	4-25-2002	McEwen	
	AE	US- 6,201,485	3-13-2001	McEwen	
	AF	US- 6,210,779	4-3-2001	Watanabe	
	AG	US- 6,259,384	7-10-2001	McEwen	
	AH	US- 6,417,788	7-9-2002	McEwen	
	AI	US- 6,587,294	7-1-2003	Ushin	
	AJ	US- 6,009,549	12-28-1999	Bliss	
	AK	US- 6,018,304	1-25-2000	Bessios	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	1	JP 2000361529	6-14-2002	Abstract		
	2	EP 1211682A2	6-5-2002			
	3	WO 02/01561 A2	1-3-2002			
	4	JP 10222940A2	8-21-1998			
	5	JP 11007736A2	1-12-1999			

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

72

of

43

Complete if Known

Application Number

Filing Date

November 21, 2003

First Named Inventor

Gregory L. Silvus

Art Unit

Examiner Name

Attorney Docket Number

STL11653

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	1	JP 2000113606 A2	4-21-2000			
	2	JP 2002025203 A2	1-25-2000			
	3	JP 2002027464 A2	1-25-2002			
	4	JP 2002093057 A2	3-29-2002			
	5	JP 2002170333 A2	6-14-2002			

Examiner
Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

42

of

43

Application Number

Filing Date

November 21, 2003

First Named Inventor

Gregory L. Silvestri

Art Unit

Examiner Name

Attorney Docket Number

STL11653

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ —Number ⁴ —Kind Code ⁵ (if known)				
	1	JP 8221906 A2	8-30-1996			
	2	JP 8204573 A2	8-9-1996			
	3	JP 10222940 A2	8-21-1998			

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.